



# Indiana Agriculture Report

Indiana Agricultural  
Statistics Service

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## INDIANA CORN AND WHEAT UP, WHILE SOYBEAN PRODUCTION IS DOWN

Based on conditions August 1, Indiana's 2003 corn production is forecast at 792.0 million bushels. If realized, this would be up 25 percent from the 631.6 million bushels produced in 2002. The expected yield of 144 bushels per acre is up 19 percent from the 2002 average yield per acre. The 5.50 million acres for harvest is 5 percent above the acreage harvested last year, and down 50,000 acres from the June estimate. As of August 10, corn condition was rated 61 percent good to excellent.

Soybean production is forecast at 227.9 million bushels, down 3 percent from the 235.8 million bushels produced in

2002. The expected yield of 43 bushels per acre is up 5 percent from last year. The acreage expected to be harvested for beans, at 5.30 million acres, is 8 percent less than in 2002, and down 1 percent from the June estimate. As of August 10, soybean condition was rated 59 percent good to excellent.

Winter wheat production is forecast at 27.7 million bushels, up 2 percent from July 1, and 58 percent more than last year's level of 17.5 million bushels. The average yield is estimated at 66 bushels per acre. This average is 1 bushel per acre above the previous month's yield. Area for harvest at

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420,000 acres is unchanged from July's forecast, and up 27 percent from the previous year's acreage of 330,000.

### ACRES FOR HARVEST, YIELD AND PRODUCTION INDIANA AND UNITED STATES: 2002 - 2003

Crop	Acres for Harvest			Yield Per Acre		Total Production			Unit
	2002	2003	03/02	2002	2003	2002	2003	03/02	
	Thousands		Percent			Thousands		Percent	
<b>Indiana</b>									
Corn for Grain	5,220	5,500	105	121	144	631,620	792,000	125	Bu
Soybeans	5,750	5,300	92	41	43	235,750	227,900	97	Bu
Winter Wheat	330	420	127	53	66	17,490	27,720	158	Bu
Oats <u>2/</u>	14	<u>2/</u>		62	<u>2/</u>	868	<u>2/</u>		Bu
All Hay	600	650	108	2.66	2.66	1,596	1,596	100	Tons
Alfalfa Hay	280	330	118	3.30	3.60	924	1,188	129	Tons
Other Hay	320	320	100	2.10	2.50	672	800	119	Tons
Tobacco	4.0	4.0	100	2,000	2,050	8,000	8,200	102	Lbs
Apples	---	---		---	---	40,000	51,000	127	Lbs
Peaches <u>1/</u>	---	---		---	---	3,100	3,400	110	Lbs
<b>United States</b>									
Corn for Grain	69,313	71,915	104	130.0	139.9	9,007,659	10,064,452	112	Bu
Soybeans	72,160	72,626	101	37.8	39.4	2,729,709	2,862,039	105	Bu
Winter Wheat	29,651	36,491	123	38.5	46.9	1,142,802	1,712,150	150	Bu
Oats	2,098	2,331	111	56.8	64.9	119,132	151,345	127	Bu
All Hay	64,497	64,379	100	2.36	2.36	150,962	160,018	106	Tons
Alfalfa Hay	23,135	23,541	102	3.19	3.31	73,824	77,952	106	Tons
Other Hay	41,362	40,838	99	1.86	2.01	77,138	82,066	106	Tons
Tobacco	428.7	413.7	97	2,055	2,031	880,734	840,236	95	Lbs
Apples	---	---		---	---	8,555,600	9,266,600	108	Lbs
Peaches <u>1/</u>	---	---		---	---	2,575,400	2,618,100	102	Lbs

1/ July 1 forecast carried forward. 2/ Estimate was included in US total.

# PRELIMINARY DISTRICT ESTIMATES AUGUST 2003

District	Planted Acres		Harvested Acres		Yield		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	Thousands		Thousands		Bushels		Thousands	
	Corn							
NW	920	960	882	930	139	142	122,436	131,940
NC	732	760	700	735	128	139	89,598	102,072
NE	522	550	494	530	101	138	50,015	73,074
WC	675	730	664	680	144	155	95,549	105,304
C	1,116	1,170	1,102	1,160	129	156	142,203	180,796
EC	430	480	416	470	95	147	39,341	69,027
SW	685	710	668	675	102	133	68,212	89,693
SC	170	180	159	170	79	124	12,551	21,061
SE	150	160	135	150	87	127	11,715	19,033
State	5,400	5,700	5,220	5,500	121	144	631,620	792,000
	Soybeans							
NW	755	730	750	725	43	40	32,445	28,675
NC	680	670	676	665	43	45	28,949	30,247
NE	680	600	675	580	39	42	26,044	24,087
WC	697	675	692	630	47	44	32,722	28,032
C	1,229	1,130	1,223	1,125	46	46	56,360	52,283
EC	562	500	557	495	37	44	20,773	22,025
SW	715	660	707	650	34	40	23,761	25,709
SC	215	175	210	173	29	42	6,151	7,185
SE	267	260	260	257	33	38	8,545	9,657
State	5,800	5,400	5,750	5,300	41	43	235,750	227,900
	Wheat							
NW	15	36	14	33	61	87	860	2,856
NC	29	47	28	45	60	72	1,676	3,223
NE	56	84	53	78	62	75	3,307	5,819
WC	27	33	26	31	57	66	1,485	2,035
C	45	53	44	50	55	69	2,400	3,432
EC	25	33	24	31	49	64	1,175	1,976
SW	115	127	108	120	49	57	5,237	6,804
SC	22	20	18	17	41	49	745	829
SE	16	17	15	15	40	50	605	746
State	350	450	330	420	53	66	17,490	27,720

## PRODUCTION OF DAIRY PRODUCTS

U.S. butter production during June 2003 was 90 million pounds, 6 percent below June 2002 and 22 percent below May 2003. American type cheese production totaled 309 million pounds for the month, 2 percent below last year and 3 percent below last month. Total cheese output (excluding cottage cheese) was 714 million pounds, 1 percent above June 2002 but 4 percent below May 2003. Creamed cottage cheese production was 32.3 million pounds, and lowfat cottage cheese in the U.S. totaled 31.2 million pounds.

The Nation's dairy plants produced 83.6 million gallons of hard ice cream during June 2003, up 4 percent from the same period last year. Hard lowfat ice cream output totaled 9.6 million gallons, slightly below the June 2002 level. Hard sherbet production was 5.8 million gallons for the month, up 11 percent from the previous year. Total frozen yogurt production was 6.3 million gallons, down 3 percent from June 2002.

### PRODUCTION OF DAIRY PRODUCTS UNITED STATES, JUNE 2003 WITH COMPARISONS 1/

Product	June 2002	May 2003	June 2003	Percent of	
				June 2002	May 2003
	<u>Million Pounds</u>			<u>Percent</u>	
Butter	95.8	114.7	89.9	94	78
American Cheese <u>2</u> /	314.0	320.2	309.4	98	97
All Cheese	708.3	742.2	714.0	101	96
Cottage Cheese, Curd	34.5	37.4	35.1	102	94
Cottage Cheese, Cream	30.8	32.8	32.3	105	99
Cottage Cheese, Lowfat	29.3	32.4	31.2	107	94
	<u>Million Gallons</u>			<u>Percent</u>	
Frozen Products					
Ice Cream (Hard)	80.8	79.1	83.6	104	106
Lowfat Ice Cream	9.7	10.0	9.6	100	97
Sherbet (Hard)	5.2	5.3	5.8	111	109
Frozen Yogurt	6.5	6.5	6.3	97	97

1/ Percents may not calculate due to rounding.

2/ Includes Cheddar, Colby, Monterey, and Jack.

## U.S. FARM REAL ESTATE VALUES CONTINUE STRONG UPWARD TREND

Farm real estate values and pasture land increased 6 percent in Indiana during 2003. In addition, cropland prices rose 5 percent from the previous year.

The U.S. farm real estate values, a measurement of the value of all land and buildings on farms, averaged \$1,270 per acre as of January 1, 2003, up 5 percent from the previous year. The value of farm real estate increased in all States except Kansas, where values remained at 2002 levels. The \$60 per acre increase in farm real estate values continued an upward trend that began in 1987.

The increase in all land and buildings followed the trend of cropland and pasture values, which rose by 4 and 5 percent, respectively, from January 1, 2002. Cropland values

averaged \$1,720 per acre and pasture values averaged \$618 per acre on January 1, 2003, compared with \$1,650 and \$588 per acre, respectively, a year earlier.

The increases in farm real estate, cropland, and pasture components were largely, though not entirely, driven by low interest rates and poor returns for alternative assets. The certainty of government commodity programs also lent support to some agricultural land. Also, potential for nonagricultural uses contributed to strong increases, especially for pasture values. Income from crop and livestock commodities was mixed, providing limited support for farm real estate values in some areas, while creating a slight drag on values in other areas.

### AGRICULTURAL LAND VALUES CORNBELT, SELECTED STATES, AND 48 STATES: JANUARY 1, 2000-2003

Farm Real Estate: Average Value per Acre					
States	2000	2001	2002	2003	2003/2002
Cornbelt	1,930	2,060	2,190	2,290	105
Illinois	2,380	2,530	2,640	2,770	105
<b>Indiana</b>	2,350	2,500	* 2,600	2,750	106
Iowa	1,820	1,900	1,980	2,050	104
Missouri	1,250	1,380	1,520	1,600	105
Ohio	2,300	2,480	2,700	2,800	104
48 States	1,080	1,150	1,210	1,270	105
Cropland: Average Value per Acre					
States	2000	2001	2002	2003	2003/2002
Cornbelt	2,120	2,250	2,340	2,450	105
Illinois	2,500	2,650	2,750	2,900	105
<b>Indiana</b>	2,400	2,550	2,640	2,760	105
Iowa	1,970	2,050	2,120	2,200	104
Missouri	1,290	1,390	1,470	1,570	107
Ohio	2,420	2,600	2,750	2,850	104
48 States	1,490	1,580	1,650	1,720	104
Pasture: Average Value per Acre					
States	2000	2001	2002	2003	2003/2002
Cornbelt	955	1,050	* 1,140	1,200	105
Illinois	1,080	1,180	* 1,250	1,320	106
<b>Indiana</b>	1,540	1,700	* 1,800	1,900	106
Iowa	700	770	* 820	870	106
Missouri	860	950	1,040	1,100	106
Ohio	1,600	1,750	1,900	2,000	105
48 States	524	558	* 588	618	105

\* Revised.

## MAJOR AGRICULTURAL SURVEY

Nearly 2,500 Indiana farm operators will be part of a national sample of producers who will be contacted for the U.S. Department of Agriculture's September survey.

This major survey will be conducted during the first half of September by USDA's National Agricultural Statistics Service. The information gathered will be used to make state, regional and national estimates of crop acreage, grain stocks, and hog inventories.

This survey is important in making accurate crop and livestock estimates, which provide a basis for an orderly marketing system. An orderly marketing system is essential to all involved in agriculture.

The September Agricultural Survey is one of the most

important of the many surveys conducted each year by the Indiana Agricultural Statistics Service. Other Agricultural Surveys are scheduled for December and March. In addition to the agricultural surveys of farm operators conducted by this office, corn and soybean plots are randomly selected and laid out to aid in monitoring crop condition and potential yields during the growing season. Separate cattle and sheep inventory surveys are conducted in July and January.

The farms expected to participate nationally in the September survey are selected from 2.16 million farms nationwide, using statistical sampling procedures. Facts about an individual's farm or ranch are strictly confidential and used only in combination with reports from other farmers to produce agricultural statistics for Indiana and the nation.

## INDIANA MILK PRODUCTION UP 1 PERCENT

Indiana's milk production totaled 215 million pounds during July 2003, 1 percent above a year earlier. The number of milk cows on farms totaled 143,000 head, down 5 percent from a year earlier.

Milk production in the 20 major States during July totaled 12.4 billion pounds, up 1 percent from production in these same States in July 2002.

Production per cow in the 20 major States averaged 1,590 pounds for July 2003, 12 pounds above the previous year. The number of milk cows on farms in the 20 major States was 7.77 million head, 9,000 head less than June 2003, and 15,000 head less than July 2002.

### MILK COWS AND MILK PRODUCTION INDIANA AND SELECTED STATES, JULY 2002-2003

State	Milk Cows <u>1/</u>		Milk Per Cow <u>2/</u>		Milk Production <u>2/</u>		
	2002	2003	2002	2003	2002	2003	2003 as % of 2002
	<u>Thousand Head</u>		<u>Pounds</u>		<u>Million Pounds</u>		<u>Percent</u>
<b>INDIANA</b>	150	143	1,410	1,505	212	215	101
Illinois	115	109	1,420	1,490	163	162	99
Iowa	210	200	1,495	1,560	314	312	99
Kentucky	123	115	1,035	1,005	127	116	91
Michigan	301	299	1,665	1,750	501	523	104
Minnesota	485	475	1,415	1,455	686	691	101
Ohio	263	261	1,390	1,450	366	378	103
Wisconsin	1,265	1,255	1,455	1,510	1,841	1,895	103
20 State Total	7,781	7,766	1,578	1,590	12,281	12,350	101

1/ Includes dry cows, excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.



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